



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4631

SERIAL NUMBER 10/687,713	FILING OR 371(c) DATE 10/17/2003 RULE	CLASS 438	GROUP ART UNIT 1765	ATTORNEY DOCKET NO. N1085-00184 [TSMC2002-132]
------------------------------------	---	---------------------	-------------------------------	---

APPLICANTS

Kuei-Wu Huang, Hsin-Chu, TAIWAN;
 Ai-Sen Liu, Hsinchu, TAIWAN;
 Baw-Ching Perng, Hsinchu, TAIWAN;
 Ming-Ta Lei, Hsin Chu, TAIWAN;
 Wen-Kai Wan, Hsin Chu, TAIWAN;
 Cheng-Chung Lin, Taipei, TAIWAN;
 Yih-Shung Lin, Taipei, TAIWAN;
 Chia-Hui Lin, Residence Not Provided;

** CONTINUING DATA ***** NONE ✓

** FOREIGN APPLICATIONS ***** YR ✓

IF REQUIRED, FOREIGN FILING LICENSE GRANTED **
 01/31/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY TAIWAN	SHEETS DRAWING 3	TOTAL CLAIMS 38	INDEPENDENT CLAIMS 2
Verified and Acknowledged	Examiner's Signature Initials				

ADDRESS

54657

TITLE

Surface treated low-k dielectric as diffusion barrier for copper metallization

FILING FEE RECEIVED 1224	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------------------------------	---	---